Tafas v. Dudas et al Doc. 127 Att. 8

Page 1 of 44

Case 1:07-cv-00846-JCC-TRJ Document 127-9 Filed 12/20/2007

Defendants' Exhibit 4b

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Why search?

To see if any Prior Art related to your invention exists Helps determine if you want to file an application

Helps to determine the appropriate claim scope when drafting claims

What Documents are Available to be Searched?

- US Patents and US Published Applications
- Foreign Patent Documents

(e.g., EPO and JPO)

- publicly available other than Patents or Published Non-Patent Literature (any published documents Patent Applications)
- Internet Searches (Goggle, Yahoo, etc.)
- Trade Publications and Databases (e.g., ACM, IEEE, CHEMnetBASE, MechanicalEngineeringnetBASE 1

Where Can Patent Searches Be **Performed?**

- The USPTO Public Search Room
- Patent and Trademark Depository
 - Libraries (PTDL's)
- Located in 50 states, Washington D.C. and Puerto Rico World Wide Web Search Engines
- USPTO (www.uspto.gov)
- EPO (http://ep.espacenet.com)
- JPO (http://www.jpo.go.jp)
- Commercial Available Patent Databases
- Private Patent Search Firms

Internet Searching Using uspto.gov



Features of the Website







- Apply Online for a Patent or Trademark
- Check Status of a Patent or Trademark Online
- Search US Patent and Trademark Databases
- Search Patent and Trademark Classification Manuals
 - Download Forms and Fee Schedules
- Patent and Trademark Help Resources
- Access Details of Currently Pending Published Patent Applications (Public PAIR)

Overview of Website

Welcome to the only official Website of the CHILED

Re Overview - New Users 🔟 6 Search

TRADEMARK

Text Only | Site Index | FAQ | Glossary | How To Guides | eBusiness | eBiz Alerts | News | Help | How To Search | Resources

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Hall of Fame Inventor Forrest Bird to Speak at Independent Inventor Conference Space Limited...Register Now Dr. Forrest Bird, whose invention of the "Baby Bird" respirator has saved the lives of millions of infants over the years, has Inventors Conference on July 28-29. Dr. Bird was inducted joined the roster of speakers for the Chicago Regional into the National Inventors Hall of Fame in 1995. The Conference is co-sponsored by the United States Patent School of Law and the National Inventors Hall of Fame. It will be held at the Northwestern School of Law, 375 E. Chicago and Trademark Office (USPTO), Northwestern University



Other speakers at the event include Commissioner for Patents John Doll and Louis Foreman, CEO of Enventys, a product design and manufacturing firm. Foreman is also executive producer of the upcoming PBS series, "Everyday Edisons." The series, which features the inventions of 14 independent inventors, will premiere in September.



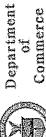








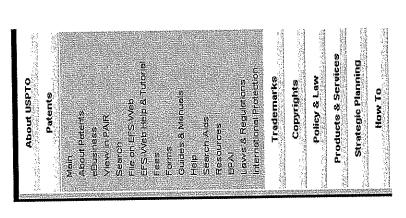




Overview of Website

Downloading Forms from the Website

Click on "Patents", then click on "Forms"

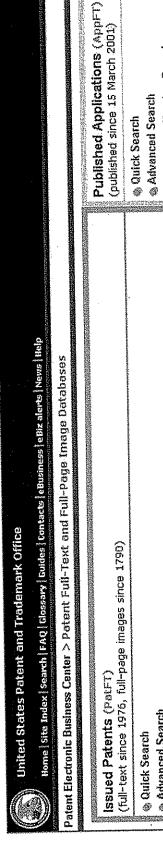


Downloading Forms

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Form Number (PDE)	Lust Updated	${f Z}$
		General Dusiness Transactions
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		Patent Related Forms
PTO/SB/01	2001/03	Declaration for Utility or Design Patent Application [2 pages]. To appoint an attorney or agent, use form PTO/SB/81
PTO/SB/01a	2000/10	Declaration (37 CFR 1.63) for Utility or Design Patent Application Using An Application Data Sheef. (37 CFR 1.76). To appoint an attorney or agent, use form PTO/SB/81
PTO/SB/02	2000/11	Declaration (Additional Inventors) [2 pages]
PTO/SB/03	2001/03	Plant Patent Application (35 USC 1161) Declaration [2 pages]. To appoint an attorney or agent, use form PTO/SB/81
PT0/SB/03a	2000/10	Declaration (37 CFR 1 63) for Plant Application Using Am Application Data Sheet (37 CFR 1 76). To appoint an attorney or agent, use form PFO/SB/81
PT0/SB/04	2001/03	Supplemental Declaration for Utility or Design Patent Application [2 pages] To appoint an attorney or agent, use form PTO/SB/81
PTO/SB/05	2001/03	New Utility Patent Application Transmittal
PT0/SB/06	2000/08	Patent Application Fee Determination Record
PTO/SB/07	20000/08	Multiple Dependent Claim Fee Calculation Sheet
PT0/SB/08	2000/08	Information Disclosure. Statement by Applicant [2 pages]. Click Here for a listing of kind codes used on U.S. patent documents
PTO/SB/09	1997/12	No longer required, therefore deleted. Venfied Statement Claiming Small Entity Status (37 CFR 1.9 (f) & 1.27(b))—Independent Inventor. See: Simplified Small Entity: Status, 37 CFR 1.27

Patents Overview - Searching

Searching US Patents



Wiew Publication Full-Page Images Howto Yiew Published Application Images Publication Number Search Status & Event History & Help Files Wiew Patent Full. Page Images Patent Number Search How to Yiew Patent Images Status & Event History **Database Contents** Advanced Search 🏶 Help Files

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Information Applicable to Both Databases

Important Notices and Policies -- Please read! How to Access and View Full-Page Images

Problems Using the Databases? Report Errors in Data Content

Tools to Help in Searching by Patent Classification

Patent Application Information Retrieval (PAIR) Patent Assignment Database Downloadable Published Sequence Listings

Page 13 of 44

Searching US Patents

Three Types of Searches

– Quick

Advanced

Patent Number

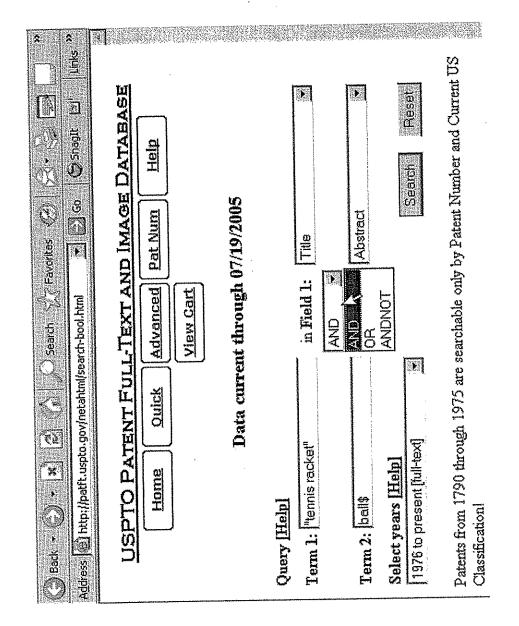
Or Application Number

Two Different Databases to Search

- Issued patents

Published Applications

Quick Search



Advanced Search

Query Search

Nested Boolean

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Phrase Searching

" Tennis Racket"

- Right Truncation

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Advanced Search

Fields and Indexes

– Examples are:

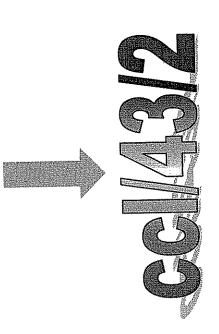
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•C lass (CCL)

•Tit le (TTL)

Abst ract (ABST)

Enables Retrieval of Patents Based on a Selected Portion of the Patent



Performing a Text Search

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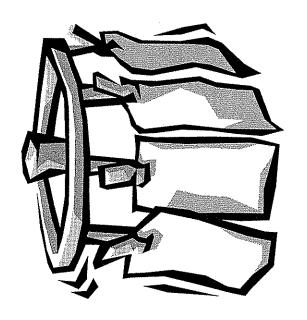
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PM	Patent Number	百	Inventor Name
ISD	Issue Date	IC	Inventor City
TIT	Title	IS	Inventor State
ABST	Abstract	ICN	Inventor Country
ACLM	Claim(s)	LREP	Attorney or Agent
SPEC	Description/Specification	AN	Assignee Name
CC	Current US Classification	ಭ	Assignee City
TOI	International Classification	AS	Assignee State
APN	Application Serial Number	ACN	Assignee Country
APD	Application Date	EXP	Primary Examiner
PARN	Parent Case Information	EXA	Assistant Examiner
RLAP	Related US App. Data	REF	Referenced By
REIS	Reissue Data	FREF	Foreign References
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Filed 12/20/2007

Classification Overview

The USPC provides for the storage and retrieval of every U.S. patent document that a patent examiner needs to review when examining patent applications



Mechanica

Electrical

3

Patent Classification

three major disciplines: Technology divided into Hierarchical Structure Chemical

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Page 20 of 44

Patent Classification

Each Discipline is Further Divided into Sub-

Technologies

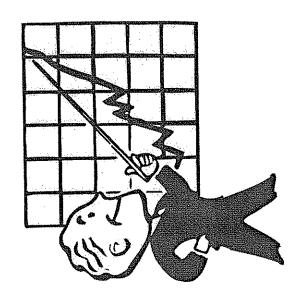
Electrical

Com munications

Com puters

Phys ics, Optics

Syst em Components



Patent Classification

Each Sub-Technology is Divided into Classes

Electrical

Com munications

- Class 379 Telephony

- Class 382 Image Analysis

- Class 455 Telecommunications

Class 348 Television

Filed 12/20/2007

Patent Classification

Each Class is Broken Down into Subclasses which are the Smallest Division Class 348 Television has Subclasses such as

TV Displays

Bandwidth Compression

Transmitters

Receivers

Etc.

Advantages of the MOC

The Title and Definition of each Class and Subclass are Text Searchable Benefit of Organized Classification System

Text Searching can be Tightly Focused

Class/Subclass Searching Yields Better Results Combination of Word Searching and

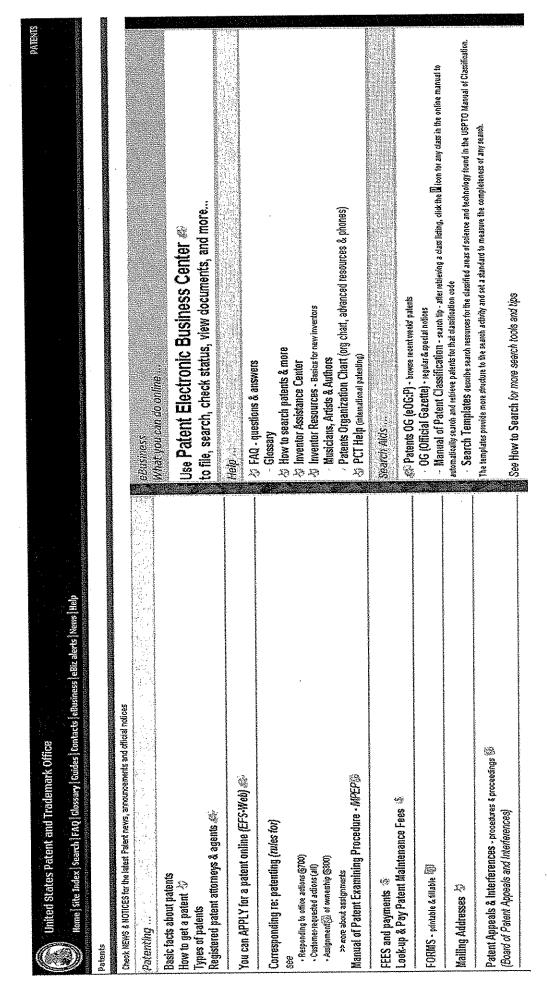
Page 24 of 44

Manual of Classification

To get to the Manual of Classification on the OU Website, click on "Guides and Manuals" the top left half of the Home Page

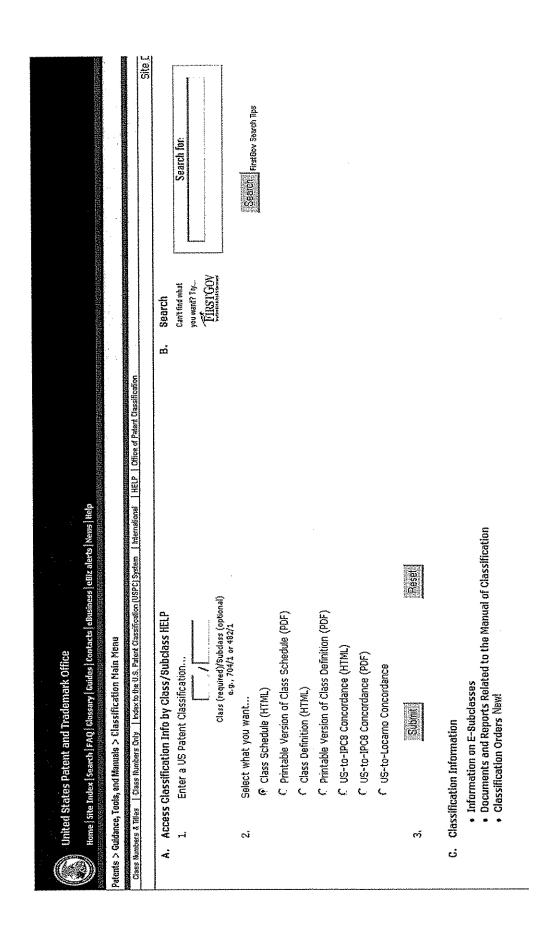
On the following screen, click on "Manual of Patent Classification"

Manual of Classification



Document 127-9

Manual of Classification (Web)

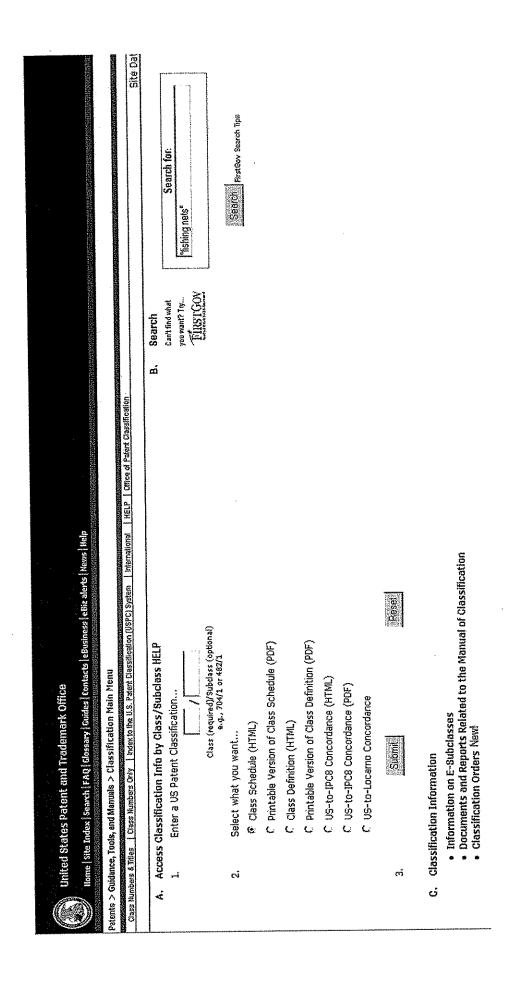


Filed 12/20/2007

Searching the Manual of Classification

- Classification to find the Class and subclass Text search through the Manual of number of the subject matter
- For example, to search for "fishing nets":
- Type "fishing nets" in the "Search For" box on the right hand side of the page
- Click "Search"
- The result returns Class 43 "Fishing, Trapping and Vermin Destroying"

Search for "fishing nets"



Main results by missing Regardh

"Fishing Nets" Results

ited States Patent and Trademark Office

"Ishing nets" site:http://www.uspto.gov/go/classification | Search | Revenued Search |

Omigin/IV * Werenesses

1 results for "fishing nets" site.http://www.uspto.gov/go/classification (Details)

Class Definition for Class 43 - FISHING, TRAPPING, AND VERMIN ... pervindow preview of

SECTION I. CLASS DEFINITION. This class includes inventions which deal with the trapping of wild animals, the catching of fish, especially food fish, and the destruction of all animal life obnoxious or ...

www.uspto.gov/go/classification/uspc042/defs043.htm - Cached - More from Patent and Trademark Office

fishing nets" site:http://www.uspto.gov/go/classification

Advanced Search Search

Search Tips

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28

"Fishing Nets" Example

- Clicking on the hyperlink to Class 43 shows all the subclasses in this Class
- Note that subclasses 7 through 14 are directed to "Fishing Nets"
- chosen subclass, known as a Classification Search automatically retrieve all the US patents in the Clicking on the red "P" on any subclass to (not limited)
- Allows for a complete search of all patents issued in a particular subclass
- The only way to view patents that were issued prior to 1976 I

Class 43

This subclass is indented under subclass 4. Those open fabrics of twine or equivalent material, woven or tied with meshes of any size, designed and used for capturing fish or other aquatic animals in their native element and improvements clasely allied to nets, such as net-stakes, and not provided for in other subclasses.

SEE OR SEARCH THIS CLASS, SUBCLASS:

43,1+,

for floats and sinkers. For fish traps constructed largely of netting and for fish traps which are towed like certain nets. 100+

SEE OR SEARCH CLASS:

Fextiles: Braiding, Netting, and Lace Making, subclasses 1 through 13for such fabrics, particularly subclasses 3+ and subclass 12 for intertwisted strand and knotted mesh types. 8₹,

Ships, subclass 241 for nets used to protect ships from tarpedoes, mines, etc.

Wire Fabrics and Structure, appropriate subclasses, for wire-netting. 245, 14,

Stock Material or Miscellaneous Articles, subclasses 175+, 190, 193, and 196+ for a stock material product in the form of a web or sheet embodying mechanically interengaged strands or 428,

strand-portions (e.g., weave, knit).

Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, etc.), subclasses 181+ and 304+ for a woven or knit fabric and especially subclasses 43+ and 58 for a coated or impregnated net or open 442,

Handling apparatus:

~

This subclass is indented under subclass?. Devices special to the art of fishing for handling, hoisting, pulling, and otherwise manipulating fish nets where the invention lies in the handling apparatus by itself and

not in the net

Note. Where the invention resides in the net chiefly, appropriate subclesses below should be searched.

SEE OR SEARCH THIS CLASS, SUBCLASS:

for apparatus for manipulating fishing-lines.

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SEE OR SEARCH CLASS:

Harness for Working Animal, subclasses 80.4+ for animal protecting nets. 54, 242,

Winding, Tensioning, or Guiding, subclasses 370+ and 520+ for apparatus for winding a web material which may include a net.

Implements or Apparatus for Applying Pushing or Pulling Force, subclasses 264+ for cable-pulling devices which are in some instances disclosed as pulling in nets or purse lines, but have no special structure adapting them to handle the nets or controls adapting them to manipulate the nets or lines for fishing purposes. 254,

Material or Article Handling, especially subclasses 137.7+ for means for loading or unloading a marine vessel directly from the sea, generally. 414

Classification, click on "Class Number and Titles" in the upper left hand corner of the To view all the classes in the Manual of page

A list of all the classes will appear below

Class Definition (PDF)

Class Schedule (PDF)

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Class Numbers and Titles

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Patents > Tools and Guidance >> Classification >>> US Classes by Number with Title Menu

| HELP | Office of Patent Classification | Class Numbers Only | USPC Index Class Numbers & Titles

1. Select what you want...

- Class Schedule (HTML)
- O Class Definition (HTML)
- O US-to-IPC Concordance
- US-to-Locarno Concordance
- . Select a class or Search within this page with your browser.

Class Number and Title

- Go 002 Apparel
- 004 Baths, closets, sinks, and spittoons

8

- Go 005 Beds
- Go 007 Compound tools

8

- Bleaching and dyeing; fluid treatment and chemical modification of textiles and fibers 800
- 012 Boot and shoe making

Co

Class Numbers and Titles

Clicking on the "Go" button for Class 2 will show all the subclasses under Class 2 "Apparel"

•

Document 127-9

You are viewin

Class 2 "Apparel"

United States Patent and Trademark Office

Home | Site Index | Search | Guides | Contacts | eBusiness | eBiz alerts | News | Help

Patents > Tools and Guidance >> Classification >>> Class Schedule

USPC Index | International Class Numbers & Titles | Class Numbers Only

APPAREL €N Class Click here for a printable version of this file

GUARD OR PROTECTOR MISCELLANEOUS

Body cover 456

Hazardous material body cover

Thermal body cover

2.11

Astronaut's body cover

Having relatively rotatable coaxial coupling component Having convoluted component

Aviator's body cover

Underwater diver's body cover Having an insulation layer

Having a garment closure (e.g., zipper, velcro, etc.)

Shoulder protector

459 99 161 462

Strap protector

Both shoulders

Vest type

Chest protector

Abdomen protector

Side impact torso protector

8

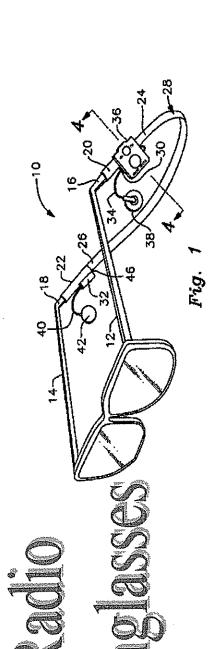
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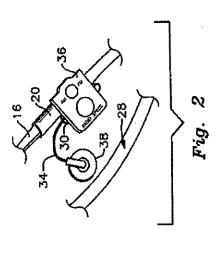
Sheet 1 of 4

U.S. Patent

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Performing a Text Search An Example of Searching





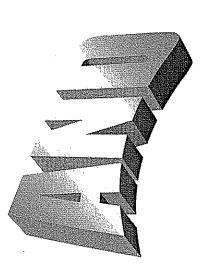
Performing a Text Search

Logic for Advanced Search

- Search "Radio" and "Sunglasses" Concepts Separately

("Building Block" Method)

. "AND" Together Results



Performing a Text Search

First Search Statement:

radio or receiver or tuner

Use Synonyms (with the "or" operator)

Search Returns 346,000*+ Patents

* as of Auditst 2006

* as of August, 2006

Performing a Text Search

Second Search Statement

sunglass\$ or eyeglass\$ or spectacl\$

Use Synonyms and Truncation

Search returns ~13,000*+ Patents

Performing a Text Search

- "AND" together the first and second searches
- Returns 1559* Patents
- This represents the intersection between the two ideas
- The result set contains all the patents that have the two concepts in the same patent

Performing a Text Search

Scan Titles of the Patents

Note Class/Subclass of the Pertinent Patents

Three Classes Regularly Appear:





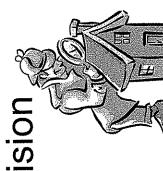


Class 381 Audio

Class 455

Eye Examination and Vision 351 Class

Correction

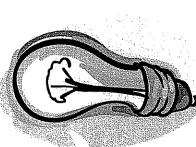


Performing a Text Search

Class Definitions for Class 381, 455 and 351 Consult Manual of Classification and Patent

Pertinent Class/Subclasses Identified Do Additional Word Searching in the

Check Cited References of Pertinent Patents



Summary -Text Searching Tips

Combination of the Following Yields Good Results:

- Use Synonyms

- Use Truncation

Use Selected Fields/Indexes

Use Manual of Classification Class/Subclasses Document 127-9

43

More Text Searching Tips

Constantly Evaluate Your Results

Remember: Text Searching is an Iterative Process Start with a "Big Net" and Refine Your Results Step-by-Step

